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# WITH THE LONE SCOUTS

**What is in a Name?**  
In the game of Scouting, Troops are divided into Patrols, and each Patrol is called by the name of some Animal or Bird. For instance there is the Bear Patrol, or the Eagle Patrol, etc.

There is a very large variety of name to choose from in the Scout Department also, wherever there are sufficient boys available. Lone Patrols of from four to nine boys are formed and they choose a Patrol Name for their group.

The patrol's endeavor to collect as much information as is possible about their Patrol Animal or Bird. Some of them are even lucky enough to obtain a live specimen for a Pet, such as the Bulldog Patrol, etc., whereas others sometimes find a dead specimen of their "name," which they stuff and mount. (Scouts, of course, do not kill animals or birds wilfully.)

They study the habits and surroundings of their bird or animal, and learn a lot of useful information in so doing. How would you like to be as patient and industrious as a Beaver, as cunning as a Fox, as strong as an Eagle, to stalk as well as a Panther, or to be as agile as a Monkey?

Lone Scouts should also individually, where they are not members of a Patrol, select an emblem as do the Patrols, and study the habits of the bird or animal they select, in particular, concentrating on this emblem to a greater extent than on the other live creatures.

From the Stores Department, for a few cents, you can obtain a Flag, to tie into the end of your Scout Staff, on which is depicted the animal which you select, and which you can use as your banner.

**Naval Cutter for Sea Scouts**  
A fine naval cutter was recently presented to the I. B. Barabados Sea Scout Group by the captain, officers and crew of the H.M.S. Repulse. The presentation was an expression of appreciation of the courtesies extended Deep Sea Scouts when ashore.

**English College Scout Visitors**  
A change of policy to travelling within the Empire instead of visiting Europe is bringing to eastern Canada this summer a Scout party of the 2nd Framlingham College Group, Woodbridge, Suffolk, England, under Scout-

**Free Medical Care Advocated in London**  
London.—The economic situation as it affects the ill is reflected in three schemes for the relief of persons requiring medical or surgical treatment here.

A report to be presented at the annual meeting of the Socialist Medical Association will urge universally free medical service under central and local government supervision. Members of Parliament are being asked to sponsor a scheme which would enable persons who have incurred expenditures for medical care during illness to claim rebate on income tax.

An organization called the British Provident Association has just launched a comprehensive scheme for enabling persons of small means to obtain private beds in hospitals and first-class medical or surgical treatment at reasonable prices.

The first scheme would radically alter the medical organization of Great Britain. In addition to universally free medical service, a national hospital system is urged. It is proposed that facilities be arranged which would enable all citizens to have continuous medical supervision from birth to death; that scholarships shall be granted to poor students wishing to become doctors, and that the existing "poor law" medical service be abolished.

**Game Abounds on Bois.**  
Paris.—The Bois de Boulogne, a day-shion parade and playground by fa- is, after nightfall, a game preserve. Deer, foxes, quail and pheasants abound in the wooded coverts and are often seen late at night.

### MUTT AND JEFF— By BUD FISHER



### New Style Upper Berth



A permanent folding stairway, a dormer window and dressing platform are the features introduced in this new upper berth, eliminating many of the discomforts of train travel.

### Sunday School Lesson

July 17. Lesson III—The Passover—Exodus 12: 21-28. Golden Text—Even Christ our Passover is sacrificed for us.—1 Corinthians 5: 7.

**ANALYSIS.**  
I. THE PASSOVER AS A RITUAL, vs. 21, 22.  
II. THE PASSOVER AS A REDEEMPTIVE EVENT, v. 23.  
III. THE PASSOVER AS A MEMORY, vs. 24-28.

**INTRODUCTION.**—The book of Exodus comprises both history and legislation. The dramatic story of the exodus is broken off here as it there to include a section of laws or directions for various institutions. The reason for this is twofold. On the one hand, the historian obviously sought to set forth the inner soul of his people by exhibiting the kind of laws which governed their lives; on the other hand, it was considered that most of Israel's laws and great institutions had their origin in the formative period when Israel was delivered from Egypt. At this juncture of the story, then, we have the directions for observing the Passover. A series of dreadful plagues had failed to convince the stubborn heart of Pharaoh that God really intended to set his people free from the bondage of Egypt. Another plague, more awful than any of the others, was yet to come—the destruction of the firstborn of Egypt. It was while Egypt was thus stricken that the Israelites made good their escape. The Passover had its origin in that night of divine triumph for Israel.

The deliverance from Egypt was to the Israelites what Calvary is to the Christian. Each of these great redemptive events came to be symbolized in a suitable ritual—the deliverance from Egypt in the Passover, and the sacrifice of Christ in the Lord's Supper. Moses delivered the detailed provisions for observing the rite of the Passover, and the elders, as the tribal and clan leaders, would pass them on to the people. Not all of these details are now clear to us, but there is no mistaking the main features of the ceremony. It should be noted that while the Passover was to be observed by the whole people, it was largely a family affair. "According to your families," said Moses, v. 21. Each family, as a unit, was to draw a lamb from its flock. Perhaps the later popularity of the Passover above all other Israelite institutions lay in the fact that it was primarily a family festival. When the paschal lamb was killed, its blood was caught in a basin and applied to the lintel and the doorposts with a wisp of hyssop, a shrub which formed a suitable brush, of

### Cancer of the Bowels Easily Detectable By X-Ray

This article has been written for the Canadian Social Hygiene Council by an eminent specialist and in addition has received the endorsement of the Provincial Department of Health of Ontario.

The great anatomist and biologist Leydy of the University of Pennsylvania remarked in 1890 that he would not pass a dental student in anatomy who did not know something about his insides. Leydy did not realize that he was establishing a very important principle in preventive medicine. Dentists must know a great deal about the teeth, because it is their profession to treat the teeth. But dentists, as doctors, need know more about the inside of the body than anyone else. But everyone should know something about the oesophagus which carries the food from the mouth to the stomach and about the stomach and the first portion of the small intestine beyond the stomach called the duodenum, and then there is about thirty-two feet of small intestine and about ten feet of the large intestine called colon, and it more important to know about the ten feet of colon than about the thirty-two feet of the small intestine.

If you place an individual in front of an x-ray machine and have behind him the x-ray tube, and then look at him through the fluoroscope in a darkened room, you can witness the heart beat and see the lightness of the lungs, the darkness of the liver, and if you give him the barium-milk mixture to swallow, you can tell at once the normal oesophagus, and as this mixture passes into, and fills the stomach, and the duodenum, within five minutes you will know whether there is a filling defect or not. If a filling defect is on the duodenal side of the pylorus, you can say to the patient: "You do not have a cancer of the stomach, but you may have an ulcer or some adhesions about the duodenum which may be cured by treatment, and if not, by operation." But when you see the filling defect in the stomach itself, you must think of the possibility of cancer and the advising of an operation. Some hours later you will get the picture of the colon in the fluoroscope or on the film, and if there is a filling defect in the colon, you must make another film by injecting the mixture through the rectum into the colon. With the rarest exceptions is any serious lesion or trouble of the oesophagus, stomach, duodenum, small intestine, or colon overlooked. The chief danger is that this examination will be made too late and not that it will be made in time and misinterpreted.

In years of x-ray studies of these cases the evidence confirms this statement. Recently the cases of cancer of the colon, occurring in a period of forty years has been studied and cases demonstrated long before the advent of the x-rays and diagnosis by their means. What is the explanation of this? It is very simple. The cancer causes obstruction, if it is at the pylorus of the stomach or in the left colon. Twenty-five years ago Kocher of Switzerland recorded that all his permanently cured cases of cancer of the stomach, the cancer was a freely movable mass at the pyloric end of the stomach where a little mass produced obstruction early. The left colon is no smaller than the right, but the fecal matter is harder, and the least narrowing of the lumen causes obstruction. Unfortunately nature has not provided that all cancers of the bowel produce obstruction so early that people are forced to the operating room for relief. But fortunately all cancers of the bowel or stomach give symptoms just as a definite but not as urgent, as obstruction, and if an x-ray examination is made at this time, the defect will be recognized just as easily as if there were obstruction.

It has been found in the past ten years, more than in the previous twenty years, that more people, when they have trouble in the colon and expect to be operated upon for a possible cancer, fear the discomforts of what is known as an artificial anus, fecal fistula, colostomy, or as most of the people say, that the bowels will move in an abnormal place, or that they will have no control. First, this

is due to the fact that in the beginning of surgery of the colon practically all the patients came into the hospital with obstruction and had to have colostomy first to save their lives, and usually the tumor was so large that after its removal the continuity of the bowel could not be restored. To normal, To-day this temporary colostomy is becoming less and less necessary, because the majority of people are examined with the x-rays before obstruction and in the early stages of cancer. Again, we are learning to perform a temporary colostomy or safety valve of the ceecum in the region of the appendix. With the rarest exceptions, we never make a permanent outlet in the abdomen unless the tumor is situated deep in the pelvis, in the lower sigmoid or upper rectum where complete removal and end to end suture restoring the lumen of the bowel is possible, but very dangerous. Therefore, usually colostomy is an operation of choice to avoid danger rather than an operation of necessity, and none to-day should bother about a moder colostomy. It is much better to choose this than a dangerous operation. It is very important that the press should aid in eliminating the unnecessary fear of colostomy.

Cancer of the large bowel has a very low grade of malignancy, and more cures are accomplished every day and more cures will be made in the future, because this cancer may begin in a polypoid tumor not cancer. This polypoid tumor gives symptoms, and if examined and recognized then, the operation should be as safe and successful as the removal of the appendix.

Remember, it is the x-rays that detect troubles in the oesophagus, stomach, duodenum, small and large intestines. Always ask your physician: "Did I require an x-ray examination?"

### City Officials of World Hold London Parley

London.—"Co-operation of the world's peoples in matters of every-day concern to everybody" was the description applied by Dr. V. von Leyden, Prussian Minister of the Interior in the Braun Cabinet, to the International Congress of Municipal Authorities held in London recently.

Nearly 800 mayors, town clerks, councillors and engineers from 44 countries assembled to exchange everyday experiences in all aspects of local government. That those who wield local authority greatly appreciate this practical co-operation is best shown by the amazing growth of the International Union of towns which held its first congress at Ghent, Belg., in 1912.

This original meeting was attended by delegates of 162 municipalities from 25 countries. To-day the number of towns and other local authorities affiliated with the union is estimated at 50,000 and the total population at 190,000,000. The International Union carries out its action not only by organizing congresses, but by fostering international relations between the municipalities through the medium of its permanent office at Brussels which collects and disseminates information on local government throughout the world.

Municipal administrators who are faced by the same problem all over the world came to London from countries as distant as the Hejaz, Peru, Mexico, Cuba, Persia and China, in the hope of learning useful lessons from the solutions evolved by their colleagues in more advanced countries.

The general theme for this year's discussions was the practical working of local authorities and the training and recruiting of local government officers.

### German Air Lines Aim at Speed Record

Berlin.—Germany will make a bid for the fastest commercial air service of the world this summer when a fleet of planes now under construction is expected to be put in operation on important domestic and international lines. The planes are reported to have a maximum speed of 300 kilometers an hour. Today's average speed in the German commercial air service is 180 kilometers an hour.

The extent of the airline net to be covered by these fast express planes remains to be determined, but officials of the German Luftfahrt have already worked out a tentative plan. It is intended that it be possible for commercial travelers to fly from Berlin to such traffic centres as Munich, Stuttgart, Frankfurt and Cologne in two hours. This, it is pointed out, will enable them to attend to their business and then return to Berlin in the evening.

The record in the decrease of flying time is hoped to be attained on the Berlin-Vienna line. A run for which express trains now require fourteen hours should be covered by the new planes in two hours.

### Italian City to Have 200-foot Skyscraper

Genoa.—Genoa will be the first Italian city to go in for skyscrapers to any considerable extent. A new city plan which has just been made calls for tall buildings at the four corners of the recently constructed Piazza Dante. The only other examples of unusually high buildings in Italy are in Milan and Brescia.

It should be added that in Italy the word "skyscraper" hardly has the American meaning. Most Italian cities have fixed an upper limit of 70 to 80 feet for new buildings. Any structure exceeding that height is therefore considered exceptional and is technically a skyscraper. The four skyscrapers here will have a height of about 200 feet, which would certainly qualify them to figure among the tall buildings of America.

### Dairy Cow Rations

Many New Jersey dairy farmers are effecting a substantial saving without decreasing the milk flow by substituting soybean oil meal for linseed oil meal in the dairy cow ration, contends E. J. Perry, extension dairyman at the New Jersey Agricultural Experiment Station. Although cottonseed meal is slightly cheaper than the soybean the latter gives the variety of ingredients always desirable in a dairy mixture. Tests conducted in Tennessee and Ohio show that soybean oil meal produced more milk than either cottonseed or linseed meal, said Mr. Perry. It is the residue left after most of the oil has been extracted from the soybean and carries as much digestible protein as cottonseed meal, 12 per cent. more carbohydrates and a little less fat.

### Italians Shown to be Excursionist Enthusiasts

Rome.—One of the most popular innovations introduced by the Ministry of Communications last year was the running of Sunday excursion trains during the summer at very low rates from all the principal cities to various points of interest. The trains have been resumed this year and promise to be as popular as ever. The service has been improved because, whereas formerly the trains were composed exclusively of third-class coaches, several second-class coaches have been added this year.

### Love Sends Its Message.

